

Comparisons of Job Characteristics

Focus Occupation: Fire Inspectors and Investigators (33-2021)

Associated Occupation: Construction and Building Inspectors (47-4011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 66

Focus Occupation: Fire Inspectors and Investigators (33-2021)
Associated Occupation: Construction and Building Inspectors (47-4011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	21.4	13.8	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	15.3	6.7	<<	Extensive education and/or training may be required
Design	5.2	14.0	8.4	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	13.6	19.2	>>	Current knowledge level is likely more than sufficient
Mathematics	9.2	13.4	9.2	<<	Extensive education and/or training may be required
Mechanical	6.8	11.8	10.7	<	Expanded education and/or training may be required
Physics	4.3	10.1	9.6	0	Current knowledge level may be sufficient
Law and Government	5.9	9.6	16.4	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Fire Inspectors and Investigators (33-2021)
Associated Occupation: Construction and Building Inspectors (47-4011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Complex Problem Solving	9.1	10.7	10.3	0	Current skill level may be sufficient
Quality Control Analysis	5.9	9.0	8.4	0	Current skill level may be sufficient
Systems Evaluation	6.4	8.3	7.9	0	Current skill level may be sufficient

Mathematics	6.2	8.1	7.3	<	A higher skill level may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 91			
Focus Occupation: Fire Inspectors and Investigators (33-2021) Associated Occupation: Construction and Building Inspectors (47-4011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	13.6	13.6	0	Current ability level may be sufficient
Oral Comprehension	12.5	13.5	13.6	0	Current ability level may be sufficient
Written Comprehension	11.0	12.5	11.9	0	Current ability level may be sufficient
Problem Sensitivity	11.1	11.9	14.9	>	Current ability level is likely sufficient
Near Vision	11.1	11.5	12.8	>	Current ability level is likely sufficient
Deductive Reasoning	10.6	11.2	13.7	>	Current ability level is likely sufficient
Written Expression	9.8	11.2	10.6	0	Current ability level may be sufficient
Inductive Reasoning	10.2	11.1	14.5	>>	Current ability level is likely more than sufficient
Far Vision	7.8	9.7	11.5	>	Current ability level is likely sufficient
Visualization	7.5	9.3	9.2	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 80
Focus Occupation: Fire Inspectors and Investigators (33-2021) Associated Occupation: Construction and Building Inspectors (47-4011)		
Work Activities	Exclusivity of Activity	
Compile information on findings from investigation of accidents	82	
Conduct training for personnel	30	
Explain government rules or policies	81	
Gather physical evidence	76	
Inspect buildings to detect violations of fire codes	95	
Inspect facilities or equipment for regulatory compliance	51	
Investigate complaints, disturbances, or violations	75	
Maintain records, reports, or files	5	
Prepare reports	8	
Recognize public safety hazards	68	
Recommend action to ensure compliance	73	
Use knowledge of investigation techniques	16	
Use oral or written communication techniques	1	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

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Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.